



Cobra 29 LTD Classic Antenna Connector Replacement

This guide shows how to remove the Antenna Connector from the radio.

Written By: danperoni



INTRODUCTION

The antenna connector connects the antenna to the radio. The antenna connector transmits the radio signal to the radio. Perform the guide on a flat non-conductive surface to avoid electrical shock and damage to your device.

Some steps in this guide require soldering. For information on how to solder, see the [soldering guide](#).



TOOLS:

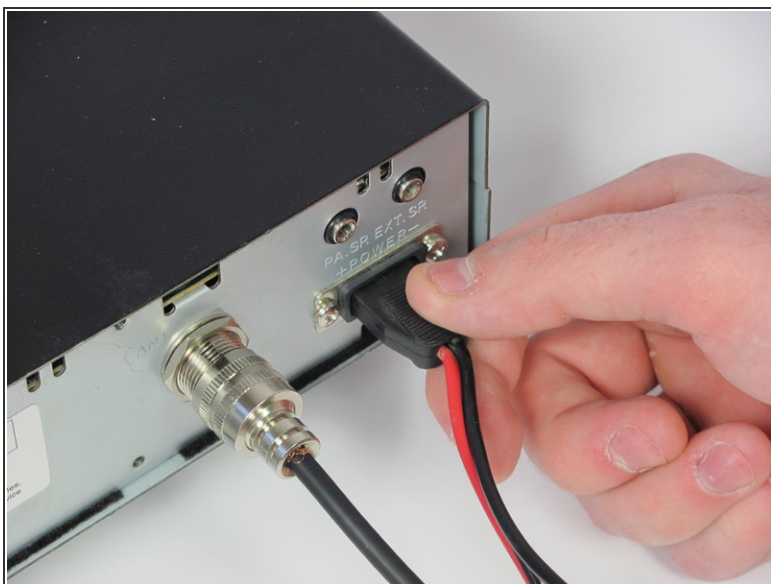
- [Desoldering Braid](#) (1)
 - [Soldering Station](#) (1)
 - [Smart Wrench](#) (1)
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Step 1 — Power Cable



- Turn the power switch, the leftmost knob, counterclockwise to off.

Step 2



- Turn the device around and firmly pull the power cable plug to remove it from the radio.

Step 3 — Antenna Cable



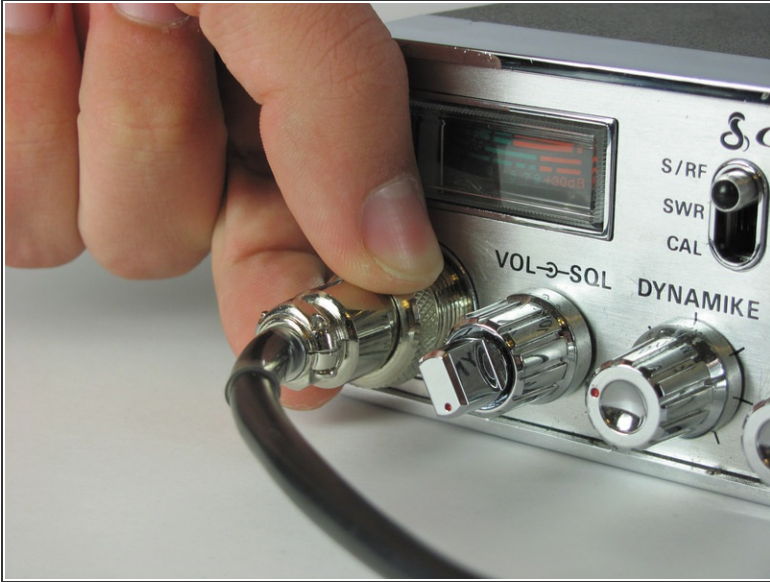
- Unscrew the securing cap counterclockwise from the antenna connector.

Step 4



- Gently pull the antenna cable to remove it from the back of the radio.

Step 5 — Microphone



- Unscrew the cap counterclockwise on the microphone plug to disconnect the cable.

Step 6



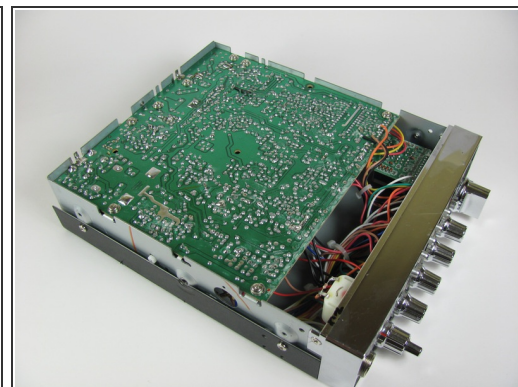
- Gently unplug the microphone plug.

Step 7 — Outer Cover



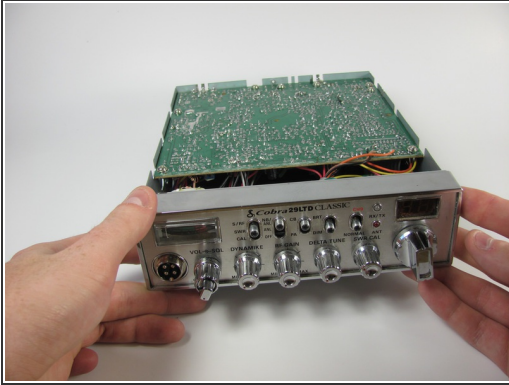
- Unscrew the top four 6.0mm Phillips head screws counterclockwise on the left and right side of the device using a #1 Phillips head screwdriver.

Step 8



- Gently lift and remove the top cover.

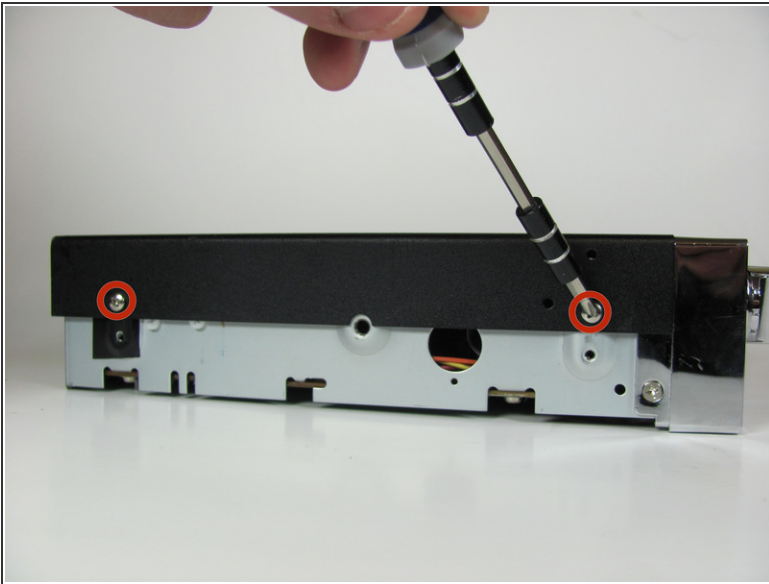
Step 9



⚠ Gently set down on a hard, flat, non-conductive surface to minimize risk of shock or breaking your radio.

- Carefully flip the radio over.


Step 10



- Unscrew the four 6.0mm Phillips head screws counterclockwise on the left and right side of the device that connect the remaining cover, using a #1 Phillips head screwdriver.

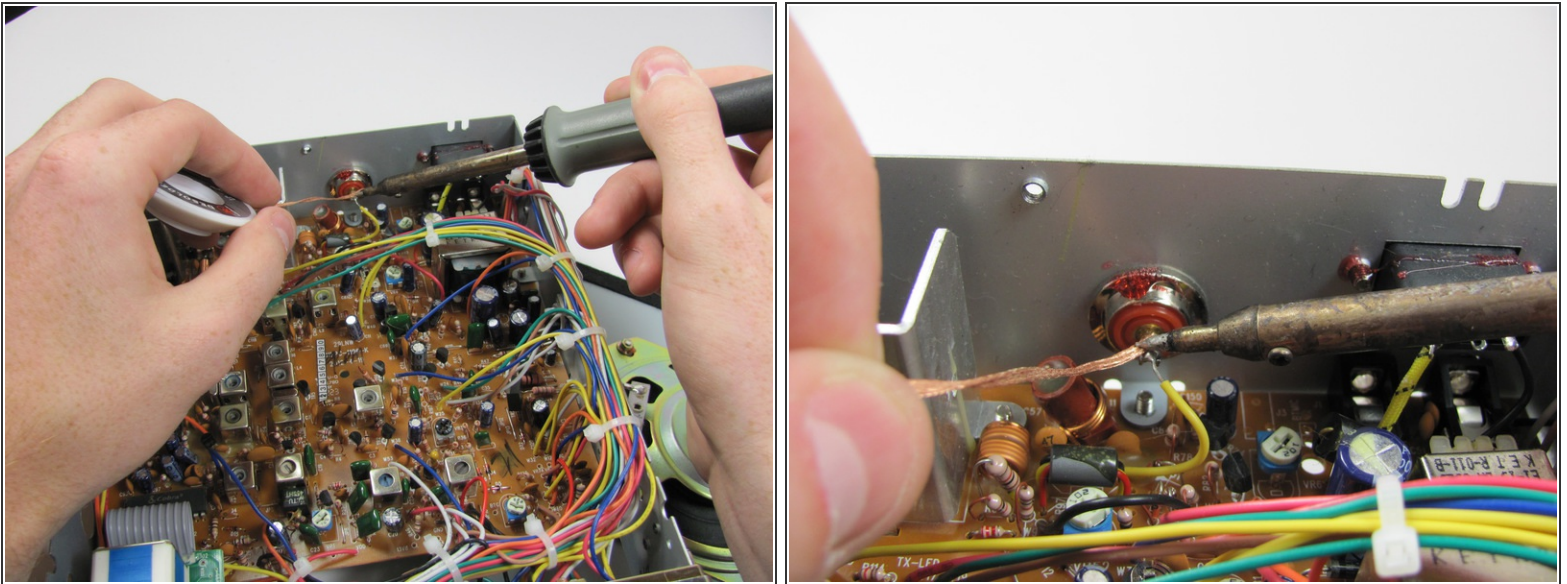
Step 11




 Watch out for the wires connected to the speaker. These short wires will not allow you to move the cover very far.

- Gently lift and remove the case cover.

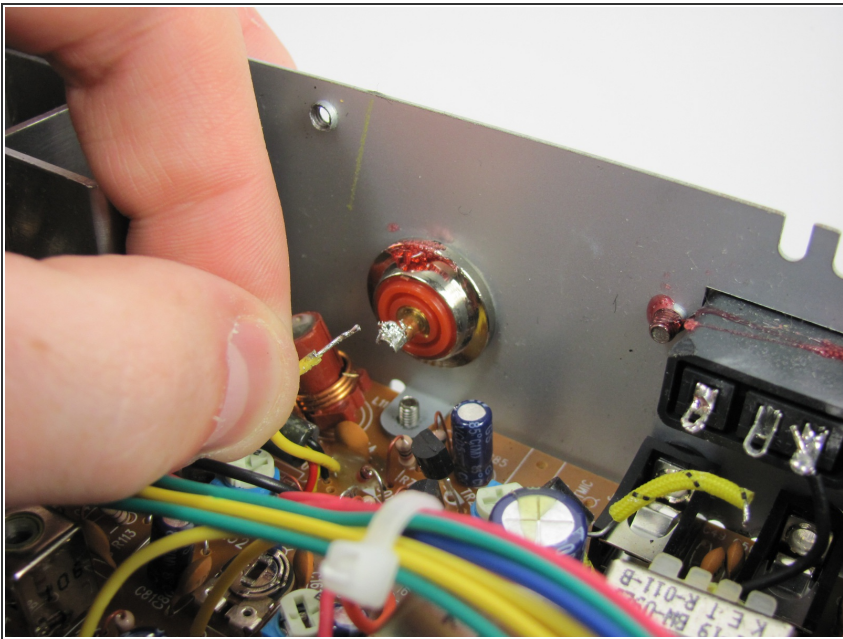
Step 12 — Antenna Connector



- [De-solder](#) the yellow wire that is connected to the antenna connector, with a soldering iron and the desoldering wick.

 During reassembly you will need to [solder](#) the components back together.

Step 13



⚠ The wire may still be hot, so let it sit for 30 seconds before continuing.

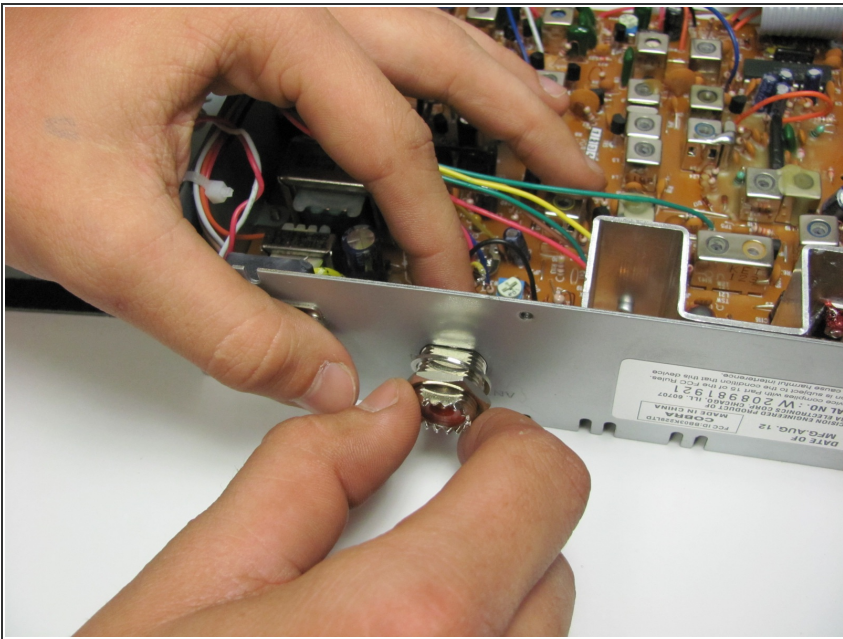
- Detach wire from back of antenna connector.

Step 14



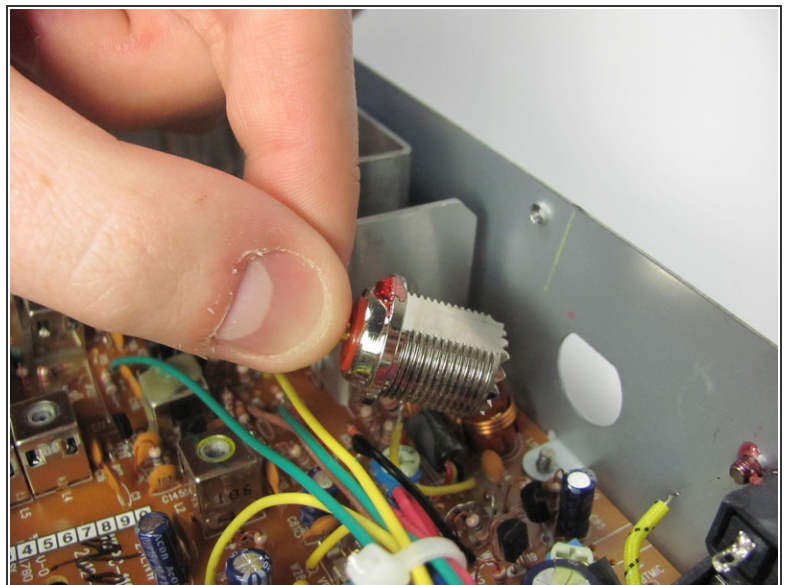
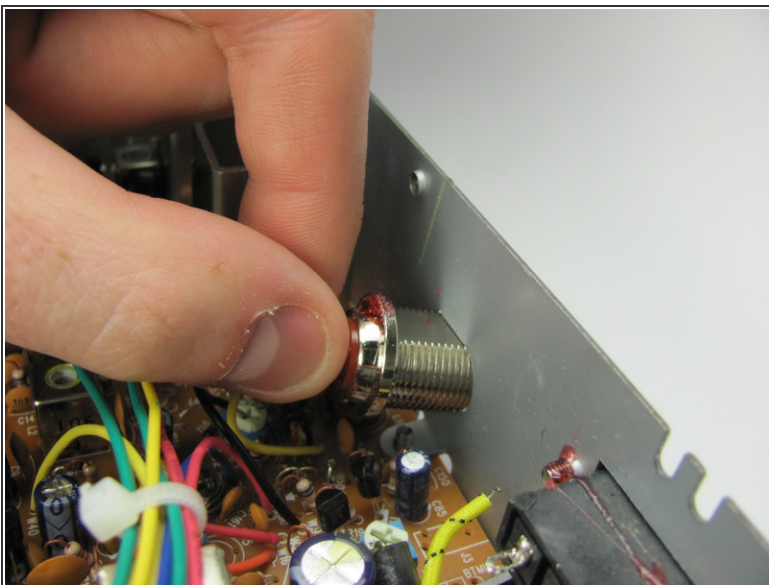
- Use a wrench to unscrew the nut counterclockwise, that secures the antenna connector to the device.

Step 15



- Remove the securing nut and washer from the antenna connector.

Step 16



- Gently pull the antenna connector through its hole into the case.

To reassemble your device, follow these instructions in reverse order.

